



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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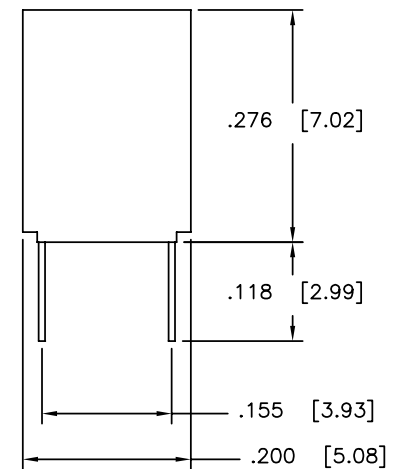
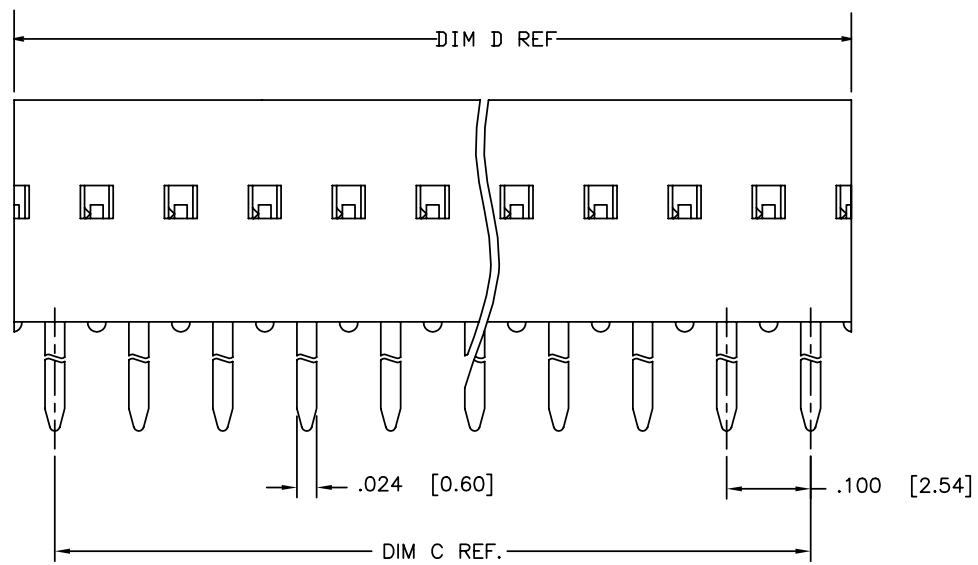
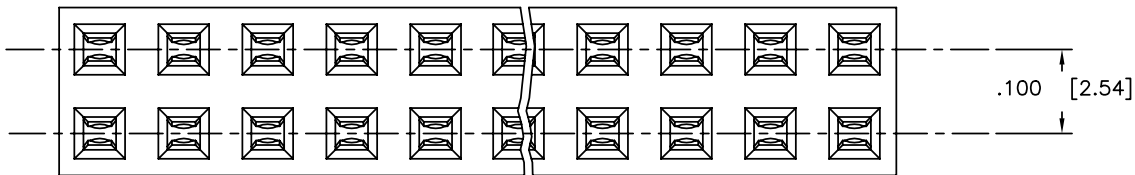
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PRODUCT NUMBER
SEE TABLE

68682 - XXX - LF

- LEAD FREE OPTION
- PACKAGING OPTION. OMIT IF NOT REQUIRED
- NO OF POSITIONS PER ROW
- PLATING CODE
- BASE PART NUMBER



mat'l. code				surface		tolerance		projection		product family	
-				ISO 1302 ✓		ISO 406 ISO 1101				DUBOX	
ltr	ecn no	dr	date	tolerances unless otherwise specified						title	
T	N-005184	SH	2011-08-18	angles	linear	.XXX±.01/.XXX±.03		INCH/MM		DUBOX DBL. ROW DBL. ENTRY	
U	ELX-N-13980	DCS	2013-01-28			.XXX±.005/.XXX±.013		scale 4:1		VERT. CARD CONN. ASS'Y.	
V	ELX-N-14177	DCS	2013-03-04	0°±2'		.XXX±.0020/.XXX±.0051				dwg no	
				dr	S. RAMP	02/25/91				sheet 1 of 3 size	
P	M06-0433	MN	06/17/08	engr	M. HAHN	02/25/91				68682 A3	
R	M09-0121	MHT	7/24/09	chr	M. HAHN	02/25/91				type Product Customer Drawing	
S	M09-0124	MHT	9/07/09	appd	M. HAHN	02/25/91					
sheet	revision	V	V	V							
index	sheet	1	2	3							

PRODUCT NO NOTE 8	PLATING CONTACT AREA MIN NOTE 11	PLATING SOLDER TAIL
68682-2XX	15u" / .38u Au DR GXT, OVER 50u" / 1.27 Ni	100μ" / 160μ" SN 2.54μ" / 4.06μ"
68682-3XX	30u" / .76u Au DR GXT, OVER 50u" / 1.27 Ni	100μ" / 160μ" SN 2.54μ" / 4.06μ"
68682-4XX	100μ" / 160μ" SN 2.54μ" / 4.06μ"	100μ" / 160μ" SN 2.54μ" / 4.06μ"
68682-5XX	50u" / 1.27u Au OVER 50u" / 1.27 Ni	100μ" / 160μ" SN 2.54μ" / 4.06μ"
68682-6XX	30u" / .76u Au DR GXT, OVER 50u" / 1.27 Ni	100μ" / 160μ" SN 2.54μ" / 4.06μ"
68682-8XX	30u" / .76u Au OVER 50u" / 1.27 Ni	100μ" / 160μ" SnPb 2.54μ" / 4.06μ"

NOTES:

- 1 MATERIAL TERMINAL: PHOSPHOR BRONZE.
- 2 RECOMMENDED APPLICATION DATA:
 - A. RECOMMENDED HOLE PATTERN IS SHOWN IN FIGURE A.
 - B. ALL MATING PINS TO BE .025/.64 SQUARE ON TRUE CENTER OF GIVEN TERMINAL SPACINGS WITHIN .015/.38 DIA
 - C. SUGGESTED MATING PIN LENGTH .210±.020/5.33±.51
 - D. TERMINALS CAN ONLY BE USED FOR PC BOARD WITH NON PLATED THROUGH HOLES.
 - E. RECOMMENDED PC BOARD THICKNESS: .062/1.58
- ③ MATERIAL HOUSING: PPS FILLED, COLOR BLACK, FLAME RETARDANT PER UL-94V-0.
PART WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.
- ④ FCI, FCI FINAL PART NUMBER AND DATE CODE TO BE MARKED ON TUBE LABEL.
- ⑤ PREPLATED, STAMPED TERMINALS.
- ⑥ PART NUMBER WITH SUFFIX "U" IS FOR SAWING PURPOSES ONLY.
7. STANDARD TUBE PACKAGE PER BUS-14-097/3.
- ⑧ ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
9. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- ⑩ "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS".

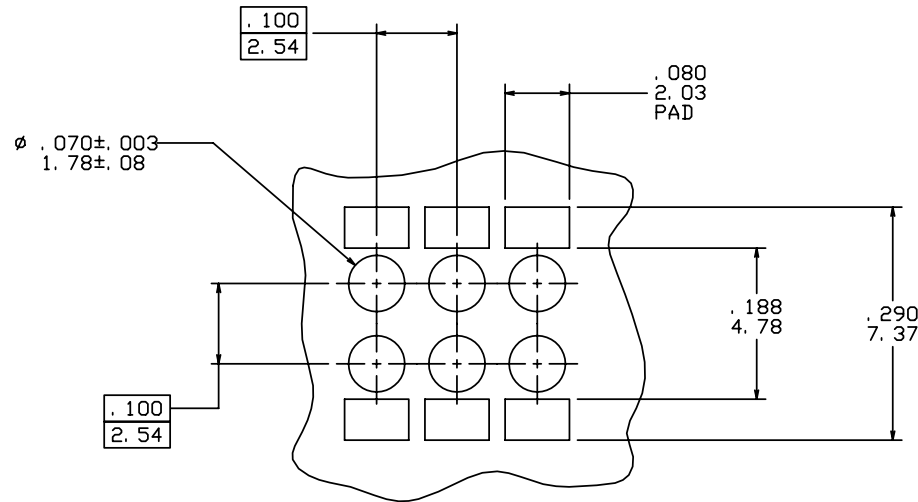


FIGURE A

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302 ✓		ISO 406 ISO 1101				DUBOX	
ltr	ecn	no	dr	date		tolerances unless otherwise specified		title	
v						angles linear .XXX±.01/.XXX±.03 .XXX±.005/.XXX±.013 .XXX±.0020/.XXX±.051		DUBOX DBL. ROW DBL. ENTRY VERT. CARD CONN. ASS'Y.	
								dwg no sheet 2 of 3 size 68682 A3	
								type Product Customer Drawing	
sheet	revision								
index	sheet								

PRODUCT NO	NO. OF POSITION	DIM C	DIM D	LF OPTION
68682-Y02	2 X 2	. 100/2. 54	. 217/5. 51	NOTE 8
-Y03	2 X 3	. 200/5. 08	. 317/8. 05	
-Y04	2 X 4	. 300/7. 62	. 417/10. 59	
-Y05	2 X 5	. 400/10. 16	. 517/13. 13	
-Y06	2 X 6	. 500/12. 70	. 617/15. 67	
-Y07	2 X 7	. 600/15. 24	. 717/18. 21	
-Y08	2 X 8	. 700/17. 78	. 817/20. 75	
-Y09	2 X 9	. 800/20. 32	. 917/23. 29	
-Y10	2 X 10	. 900/22. 86	1. 017/25. 83	
-Y11	2 X 11	1. 000/25. 40	1. 117/28. 37	
-Y12	2 X 12	1. 100/27. 94	1. 217/30. 91	
-Y13	2 X 13	1. 200/30. 48	1. 317/33. 45	
-Y14	2 X 14	1. 300/33. 02	1. 417/35. 99	
-Y15	2 X 15	1. 400/35. 56	1. 517/38. 53	
-Y16	2 X 16	1. 500/38. 10	1. 617/41. 07	
-Y17	2 X 17	1. 600/40. 64	1. 717/43. 61	
-Y18	2 X 18	1. 700/43. 18	1. 817/46. 15	
-Y19	2 X 19	1. 800/45. 72	1. 917/48. 69	
-Y20	2 X 20	1. 900/48. 26	2. 017/51. 23	
-Y21	2 X 21	2. 000/50. 80	2. 117/53. 77	
-Y22	2 X 22	2. 100/53. 34	2. 217/56. 31	
-Y23	2 X 23	2. 200/55. 88	2. 317/58. 85	
-Y24	2 X 24	2. 300/58. 42	2. 417/61. 39	
-Y25	2 X 25	2. 400/60. 96	2. 517/63. 93	
-Y26	2 X 26	2. 500/63. 50	2. 617/66. 47	
-Y27	2 X 27	2. 600/66. 04	2. 717/69. 01	
-Y28	2 X 28	2. 700/68. 58	2. 817/71. 55	
-Y29	2 X 29	2. 800/71. 12	2. 917/74. 09	
-Y30	2 X 30	2. 900/73. 66	3. 017/76. 63	
-Y31	2 X 31	3. 000/76. 20	3. 117/79. 17	
-Y32	2 X 32	3. 100/78. 74	3. 217/81. 71	
-Y33	2 X 33	3. 200/81. 28	3. 317/84. 25	
-Y34	2 X 34	3. 300/83. 82	3. 417/86. 79	
68682-Y35	2 X 35	3. 400/86. 36	3. 517/89. 33	

PRODUCT NO	NO. OF POSITION	DIM C	DIM D	LF OPTION
68682-Y36	2 X 36	3. 500/88. 90	3. 617/91. 87	NOTE 8
-Y37	2 X 37	3. 600/91. 44	3. 717/94. 41	
-Y38	2 X 38	3. 700/93. 98	3. 817/96. 95	
-Y39	2 X 39	3. 800/96. 52	3. 917/99. 49	
-Y40	2 X 40	3. 900/99. 06	4. 017/102. 03	
-Y41	2 X 41	4. 000/101. 60	4. 117/104. 57	
-Y42	2 X 42	4. 100/104. 14	4. 217/107. 11	
-Y43	2 X 43	4. 200/106. 68	4. 317/109. 65	
-Y44	2 X 44	4. 300/109. 22	4. 417/112. 19	
-Y45	2 X 45	4. 400/111. 76	4. 517/114. 73	
-Y46	2 X 46	4. 500/114. 30	4. 617/117. 27	
-Y47	2 X 47	4. 600/116. 84	4. 717/119. 81	
-Y48	2 X 48	4. 700/119. 38	4. 817/122. 35	
-Y49	2 X 49	4. 800/121. 92	4. 917/124. 89	
68682-Y50	2 X 50	4. 900/124. 46	5. 017/127. 43	
68682-Y50U	2 X 50	4. 900/124. 46	5. 017/127. 43	

SEE NOTE 6

NOTE 8

NOTE 8

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302 ✓		ISO 406				DUBOX	
				ISO 1101					
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title		
v					angles	linear			DUBOX DBL. ROW DBL. ENTRY
					0°±2'	.XXX±.01/.XXX±.03 .XXX±.005/.XXX±.013 .XXX±.0020/.XXX±.051	scale 4:1		VERT. CARD CONN. ASS'Y.
					dr	S. RAMP	02/25/91	dwg no	
					enrg	M. HAHN	02/25/91	sheet 3 of 3 size	
					chr	M. HAHN	02/25/91	68682 A3	
					appd	M. HAHN	02/25/91	type Product Customer Drawing	
sheet index	revision sheet								